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08/855,909	14 May 1997 (1	4.05.97)	US	
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(63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application

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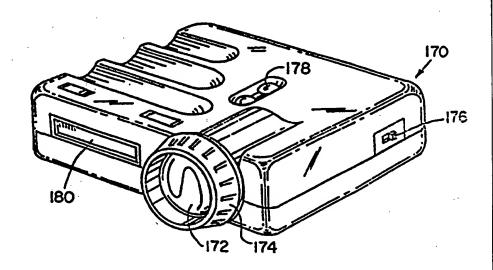
With international search report.

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(54) Title: MICRODISPLAY FOR PORTABLE COMMUNICATION SYSTEM

(57) Abstract

The invention relates to a microdisplay system that utilizes a small high resolution active matrix liquid crystal display with an illumination system and a magnifying optical system to provide a display for a portable communication device. A handset for the communication system incorporates the display for use as, for example, a wireless telephone or paging device. The small display can provide a high resolution color image at low power thus providing portable powered operation.



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A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 H04M1/02 H04M G02B27/02 G02F1/13 H04M1/72 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) H04M G09G H04Q IPC 6 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category 3 1,4,7, US 5 486 946 A (JACHIMOWICZ ET AL) X 12-14, 23 January 1996 30,33, 36,41, 43,84 73.76-83 see column 3, line 34 - column 11, line 9; Y figures 1-10 15-29,Α 44-58, 85-104 Patent family members are listed in annex. Further documents are listed in the continuation of box C. χ Special categories of cited documents : "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled in the art. which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of theinternational search Date of mailing of the international search report 3. 12...98 12 November 1998 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Delangue, P Fax: (+31-70) 340-3016

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Inter onal Application No
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ategory °	ktion) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication where appropriate, of the relevant passages	Relevant to claim No.		
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A	see page 2 - page 14; figures 1-9	2,3,6,9, 12,14, 31,32, 34-36, 38,41, 43,100		
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	see column 1, line 14 - line 64 see column 3, line 30 - column 11, line 1; figures 1-9			
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Α .	US 5 088 806 A (MCCARTNEY ET AL) 18 February 1992 see column 3, line 53 - column 4, line 6; figure 5	60,61		
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X A	EP 0 704 788 A (AT & T CORP) 3 April 1996 see column 2, line 55 - column 5, line 30; figures 1-6	62 68		
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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest.
No protest accompanied the payment of additional search lees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-58,73-104

Electro-optic packaging of an LCD microdisplay for the purpose of miniatirization im a portable electronic equipment

2. Claims: 59-61

Display control circuit for the purpose of selecting a video or an inverted video signal to be sent to the display

3. Claims: 62-72

Docking system for a telephone with interconnecting means for the purpose of transmitting image data from the telephone to a display integrated in the docking station

Information on patent family members

inter mai Application No
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